

THIRD-ORDER LEVELING
NATIONAL GEODETIC VERTICAL DATUM OF 1929

36-089-13
BAYOUVILLE QUADRANGLE
10 MO.-27 KY.-221 TENN.
N3630-W8915/15
DIAGRAM NJ 16-10
DYERSBURG

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

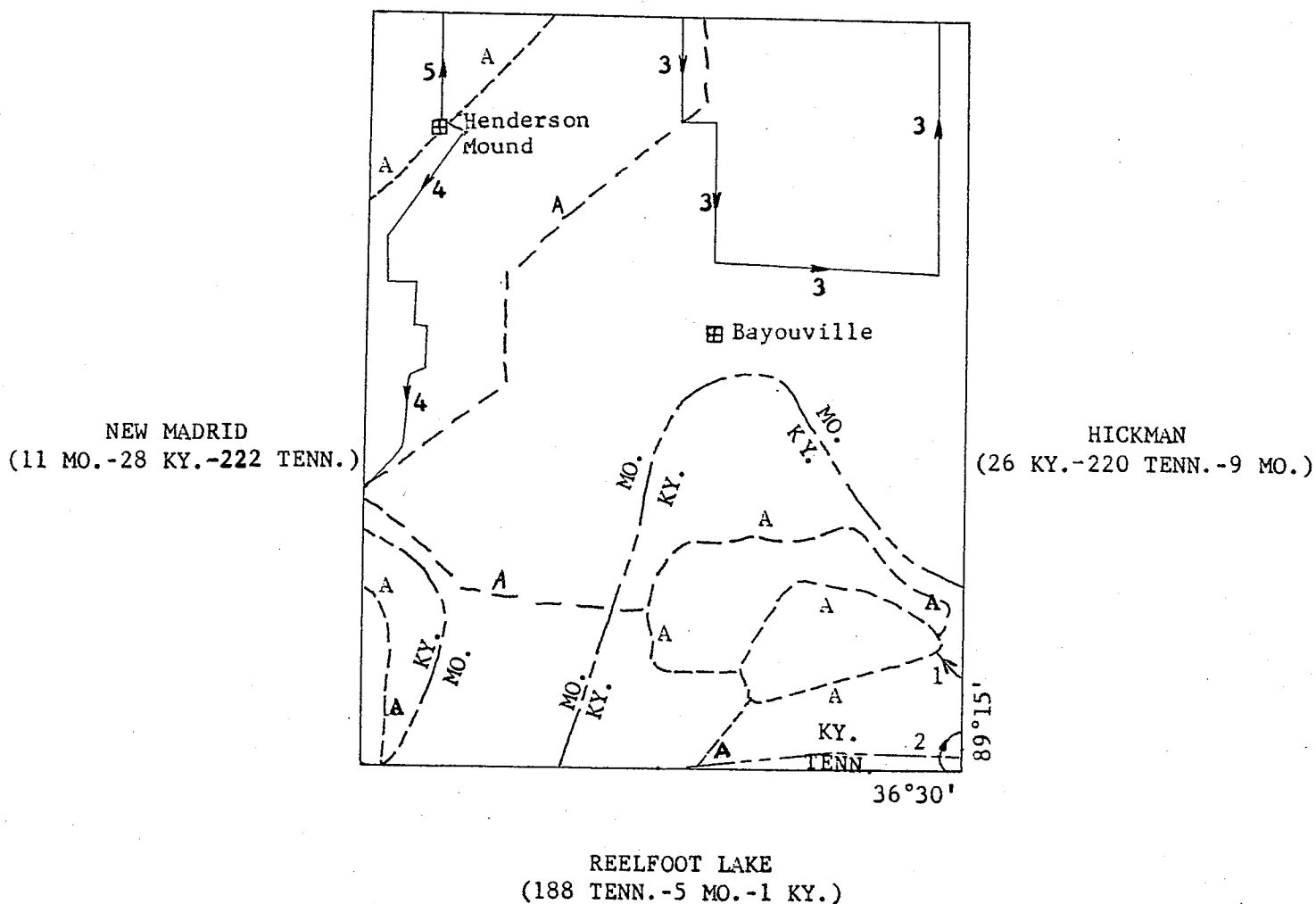
Mississippi and New Madrid Counties, Missouri;
Fulton County, Kentucky; Obion County, Tennessee

Final adjustment of 1973

Edition of 7/18/74

PR: DSW/sws

CHARLESTON
(33 MO.-5A ILL.)



NGS (USC&GS) VERTICAL CONTROL DATA

A. Quadrangle 360891

10 MO.-27 KY.-221 TENN.
BAYOUVILLE QUADRANGLE

36-089-13
N3630-W8915/15

INDEX OF PERMANENT MARKS

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ISOLATED BENCH MARKS (By C. Dickey, 1921; Book B1116)

Feet

Miller, 2.3 mi NE. of station, along Illinois Central Railroad; 1.0 mi NE. of Bondurant; near W. end of small bridge over Bayou du Chien; at siding; 24 ft S. and 21 ft E. of centerline of crossing; on iron pipe; standard cap stamped "PRIM TRAV STA NO 18 W 1921 TENN 288" (Tied by NGS, 1957) 288.008

Phillipy, 2.5 mi NE. of, along State Highway 78; about 0.6 mi NE. along Highway 78 from Tenn.-Ky. Boundary; 390 ft NE. along Illinois Central RR. from an E.-W. county rd. crossing; 37 ft NW. of RR. tracks; 92 ft NW. of Hwy. 78; 70 ft NE. of NE. corner of residence; on iron pipe projecting about 1 ft; standard tablet stamped "PRIM TRAV STA NO 17 W 1921 TENN" (Tied by NGS, 1957) 292.732

LINE 1.

By J. D. Nikolaus, 1950; Book AV 162

Ledford, 2.6 mi E. of, along graveled rd.; 39 ft N. and 38 ft E. of centerline of rd. at junction of Y-rd.; 85 ft E. of SE. corner of brown frame house; 2 ft S. of corner fencepost; in concrete post; standard tablet stamped "225 JDN 1950 293" (Reported disturbed, 1951) 293.050

Reference mark; 58 ft SE. of tablet; on NE. end of concrete pipe culvert; chiseled square 292.80

"J 118 1938" (NGS) 294.501

LINE 2.

By E. P. Johnston, 1958; Book AV 626

U.E., Beech Grove Methodist Church; 2.2 mi SW. of, along graveled rd.; on W. end of concrete culvert; chiseled square 476.61

Hickman, about 7.0 mi SW. of, along State Highways 309 and 925; about 1.5 mi SW. of Beech Grove Church; about 600 ft S. of State Line; 350 ft ENE. along bladed public road from junction with N-S. graveled rd.; 58 ft N. of bladed public road; 37 ft E. of scar of abandoned rd.; on iron pipe projecting about 12 in.; standard tablet stamped "PRIM TRAV STA NO 14 W 1921 483" 483.718

1967

LINE 3.

Feet

B. R. Larson, 1967; Book CV 2136

33	3.5	East Prairie, about 2.0 mi S. and 1.0 mi E. of; near quarter cor. between secs. 6 and 7; T. 24 N., R. 16 E.; 37 ft E. and 20 ft N. of and 0.6 ft lower than cross-roads; 6 ft W. of power pole set in concrete post; standard tablet stamped "11 BRL 1967 297"	296.801
34	3.5	Reference mark, 159 ft S. of tablet; on E. side of power pole; rail spike	297.74
35	4.6	UE 11 A, 1.0 mi S. of tablet; 60 ft W. and 39 ft S. of, and 0.7 ft higher than drive W.; on N. end of bottom step to abandoned house; chiseled square	299.26
36	5.2	East Prairie, 4.5 mi SE. of; 2.0 mi S. of Windyville School; in concrete bridge 26 over diversion dredge ditch; USED cap not stamped	300.964
37	6.1	Reference mark No. 2, in NE. corner of barnyard; in concrete post projecting 6 in. above ground; NGS standard disk stamped "FOUR MILE NO 2 1955"	299.066
38	6.1	East Prairie, 4.5 mi SE. of, about 9.0 mi E. of Wolf Island; about 0.5 mi W. of N. end of Four Mile Pond; 22 ft NW. of NE. corner of barn; 48.5 ft E. of W. fenceline of barnyard; in concrete post; NGS standard triangulation station disk stamped "FOUR MILE 1955"	300.740
	6.1	Reference mark No. 1, in NW. corner of barnyard; in concrete post projecting 6 in. above ground; NGS standard reference mark disk stamped "FOUR MILE NO 1 1955"	299.321
2 38	6.4	Azimuth Mark; 0.4 mi NE. of station; 3.7 ft S. of powerline pole; 28 ft W. of center of graveled rd.; 40 ft SE. of SE. corner of small white house; 2 ft SE. of witness post; in square concrete post which projects 2 in. above ground; NGS standard azimuth mark disk stamped "FOUR MILE 1955"	299.763
39	7.4	UE AZ 1 A, 1.0 mi S. of disk; 83 ft S. and 42 ft E. of, and 0.2 ft lower than field rd. E.; 31 ft SE. of fence corner; in W. side of 48 in. oak tree; rail spike	295.65
40	8.4	UE AZ 1 B, 2.0 mi S. of disk; 67 ft N. and 29 ft W. of, and 1.2 ft lower than drive W.; on E. side of power pole; cotton pin	294.94

LINE 3 (Cont'd.)Feet

41	9.2	East Prairie, about 1.7 mi E. and 7.0 mi S. of; near cor. secs. 31 and 32; 5 and 6; Twp. between 23 and 24 N.; R. 16 E.; 177 ft N. and 28 ft W. of, and 0.7 ft lower than T-rd. N.; 3 ft N. of witness post; in concrete post; standard tablet stamped "12 BRL 1967 293"	292.618
42	9.2	Reference mark, 208 ft S. of tablet; 30 ft W. and 26 ft S. of T-rd. N.; in N. side of power pole; rail spike	293.69
43	10.4	UE 12 A, 1.1 mi E. of tablet; 14 ft S. of, and 2.0 ft lower than rd. at culvert; on S. end of corrugated culvert; punched hole	291.29
44	11.5	UE 12 B, 2.2 mi E. of tablet; 37 ft W. and 42 ft S. of and 1.0 ft higher than rd. opposite center of white house; on NW. side of 24 in. hickory tree; rail spike	301.79
46	12.3	Dorena, about 3.5 mi W. and 4.0 mi N. of (airline); near cor. secs. 2, 3, 34 and 35, Twps, between 23 and 24 N., R. 16 E.; 53 ft E. and 44 ft S. of and 0.2 ft higher than T-rd. S.; in E. end of concrete second step to Mounds Church; standard tablet stamped "13 BRL 1967 301"	300.659
45	12.3	Reference mark, 7 ft NW. of tablet; on NW. corner of concrete section starting sidewalk; chiseled square	300.12
47	13.2	UE 13 A, 0.6 mi SE. and 0.3 mi E. of tablet; 27 ft S. of and 6.9 ft lower than rd. at culvert; on S. end of metal culvert; punched hole	286.88
48	14.4	UE 13 B, 0.6 mi SE. and 1.4 mi E. of tablet; 75 ft W. and 19 ft S. of, and 3.6 ft lower than T-rd. W.; on S. end of easterly of two culvert; punched hole	289.92
50	15.4	Dorena, about 15 mi W. and 5.0 mi N. of; near cor. secs. 25, 30, 31 and 36, T. 24 N., Rs. between 16 and 17 E.; 42 ft W. and 27 ft S. of, and 0.3 ft lower than rd. at field approach W.; 2 ft E. of witness post; in concrete post; standard tablet stamped "14 BRL 1967 293"	293.230
49	15.4	Reference mark, 132 ft SE. of tablet; 17 ft W. of center of rd. at culvert; on W. end of metal culvert; punched hole	292.01

LINE 3 (Cont'd.)Feet

51	16.4	UE 14 A, 1.0 mi N. of tablet; 27 ft E. and 26 ft S. of and 1.6 ft lower than T-rd. W.; on W. side of power pole; cotton pin	293.95
52	17.5	UE 14 B, 2.0 mi N. of tablet; 245 ft W. and 66 ft N. of and 1.0 ft lower than private drive W.; on E. side of 48 in. oak tree; rail spike	300.59
2	53	18.2 East Prairie, about 6.7 mi E. and 3.0 mi S. of (airline); near cor. secs. 7, 12, 13 and 18, T. 24 N., Rs. between 16 and 17 E.; 38 ft W. and 16 ft N. of and 0.7 ft lower than private drive W.; 6 ft E. of power pole; in concrete post; standard tablet stamped "15 BRL 1967 299"	298.924
		18.2 Reference mark, 72 ft E. of tablet; on W. side of power pole; cotton pin	299.23
54	19.2	UE 15 A, 1.0 mi N. of tablet; 66 ft E. of and 3.8 ft lower than rd. at crop line E.; near NW. cor. of timber; and 9 ft N. of power pole; on concrete foundation supporting yellow fence post; chiseled square	293.18

LINE 4.

B. R. Larson, 1967; Book CV 2136

3	1	0.0	"K 26 1933" (NGS)	294.848
		1.4	UE K 26 AA, 1.4 mi SW. of disk; 112 ft N. and 5 ft W. of, and 1.3 ft lower than center of trestle; on N. end of most westerly support beam; rail spike	297.56
3	2.5		Farrenburg; near cor. secs. 25, 26, 35 and 36, T. 24 N.; R. 14 E.; 45 ft NW. and 30 ft NE. of, and 1.4 ft lower than RR. crossing; 11 ft NE. of power pole; in concrete post; standard tablet stamped "20 BRL 1967 304"	304.299
2	2.5		Reference mark, 29 ft N. of tablet; on N. end of iron culvert; punched hole	302.43
4	3.7		UE 20 A, 1.2 mi S. of tablet; in center of T-rd. N.; rail spike driven flush	302.1
3	5	4.7	UE 20 B, 1.6 mi S. and 0.4 mi E. of tablet; 102 ft S. and 29 ft W. of, and 1.2 ft higher than private drive W.; on E. side of power pole; cotton pin	301.32

LINE 4 (Cont'd.)Feet

6	5.4	Farrenburg, about 2.1 mi S. and 0.9 mi E. of; near cor. secs. 1, 6, 7 and 12, T. 23 N., Rs. between 14 and 15 E.; 90 ft NW. of and 0.2 ft lower than center of graveled rd. at curve; 92 ft W. of center of private drive N.; 5 ft E. of power pole and 2 ft W. of witness post; set in concrete post; standard tablet stamped "21 BRL 1967 298"	298.173
7	5.5	Reference mark, 103 ft SE. of tablet; on E. side of power pole; cotton pin	297.77
8	6.5	UE 21 A, 1.0 mi S. of tablet; 92 ft SE. of and 0.2 ft lower than center of graveled rd. at curve; 30 ft S. S. of E.-W. dirt rd.; on N. side of E. gate post; cotton pin	298.66
9	7.6	UE 21 B, 1.5 mi S. and 0.5 mi W. of tablet; 24 ft E. and 10 ft S. of and 1.0 ft lower than private drive E.; on S. end of steel culvert; punched hole	297.28
11	8.7	New Madrid, about 3.3 mi NE. of; near center of sec. 24, T. 23 N., Rs. between 14 and 15 E.; 39 ft S. of and 6.5 ft higher than T-rd. N.; 23 ft S. of fence line and 54 ft N. of levee; 2 ft N. of witness post; in concrete post; standard tablet stamped "22 BRL 1967 301"	300.748
10	8.7	Reference mark, 23 ft E. of tablet; top of fence post driven into the ground;	301.44

LINE 5.

B. R. Larson, 1967; Book CV 2136

2	66	0.0	"K 26 1933" (NGS) (Also in line 2)	294.848
		0.6	Henderson Mound, 20 ft NW. of centerline of main track; between track and drainage ditch; 100 ft SE. of S. end of steel bridge over Maple Slough ditch; 150 ft NE. of centerline of N.-S. road; on iron pipe; USED standard cap stamped "TRAV STA 44"	298.178
2	67	1.0	UE K 26 A, 1.0 mi N. of disk; 9 ft E. of and 0.3 ft higher than center of wooden bridge; in center of E. guard plank; copper nail and washer	296.4

LINE 5 (Cont'd.)Feet

- | | | | |
|----|-----|--|---------|
| 69 | 2.1 | Henderson Mound, about 1.6 mi N. of; near center of sec. 7, T. 24 N., R. 15 E., 32 ft S. and 33 ft W. of and 0.4 ft lower than private drive W.; 87 ft SE. of SE. corner of house; 12 ft N. of fence corner; in concrete post; standard tablet stamped "19 BRL 1967 295" | 295.216 |
| | 2.1 | Reference mark, 57 ft W. of tablet; in E. side of large oak tree; rail spike | 296.31 |
| 70 | 2.9 | UE 19 A, 0.8 mi N. of tablet; 35 ft W. of, and 0.4 ft higher than rd. at fence W.; on E. side of 8 x 8 in. fence post; rail spike | 296.63 |

HORIZONTAL CONTROL
NORTH AMERICAN DATUM OF 1927

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

36-089-13
BAYOUVILLE QUADRANGLE
10 MO.-27 KY.-221 TENN.
N3630-W8915/15
DIAGRAM NJ 16-10
DYERSBURG

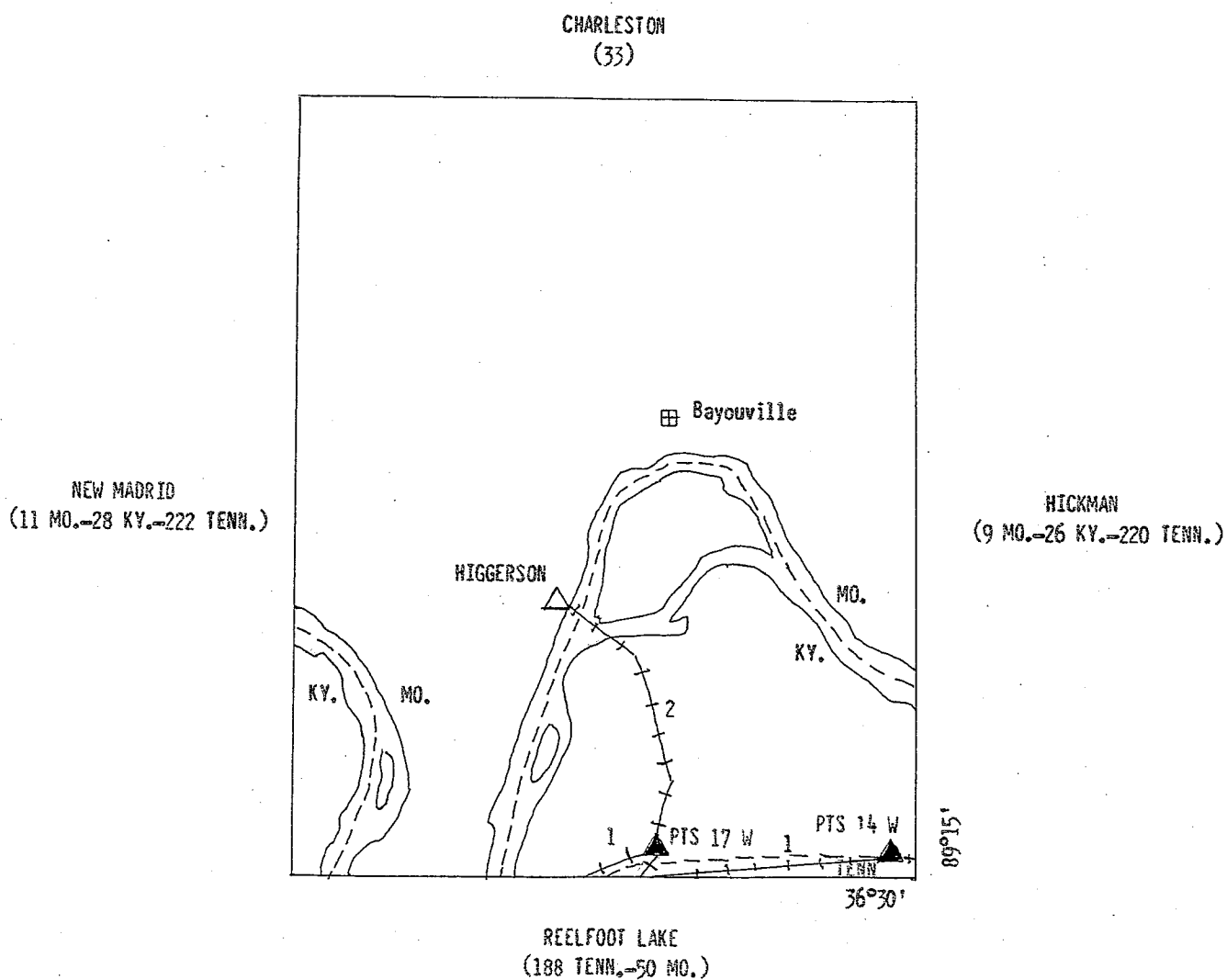
New Madrid and Mississippi Counties, Mo.; Fulton
County, Ky.; and Lake and Obion Counties, Tenn.

Edition of 7/20/76

PR: CRV/rmm

Plane coordinates are based on transverse Mercator
projection, Missouri, East Zone, and Lambert projection,
Kentucky, South Zone, and Tennessee Zone

Only the permanent marks are
listed for control classified
obsolete and are not shown on
sketch



DISCLAIMER

We no longer attest to the validity of the positions listed for horizontal control established by transit traverse procedures. This control is now considered OBSOLETE and is included in this list for the purpose of identification only.

10 MO.-27 KY.-221 TENN.
BAYOUVILLE QUADRANGLE

36-089-13
N3630-W8915/15

INDEX OF PERMANENT MARKS

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TT STA NO 106 TN 1929	3		
TT STA NO 107 TN 1929	3		
TT STA NO 108 TN 1929	3		
TT STA NO 109 TN 1929	3		
TT 19 TWC 1950	4		
<u>MISSISSIPPI RIVER COMMISSION</u>			
BM HUBBARD	5		
<u>STATE LINE MONUMENT</u>			
NO 2	4		
<u>USED</u>			
NOT STAMPED	3		
NOT STAMPED	3		
7/8 A	4		
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D 22 1 1	5		
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10 MO.-27 KY.-221 TENN.
BAYOUVILLE QUADRANGLE

36-089-13
3

STATION DESCRIPTION
 PLANE COORDINATES, FEET

LATITUDE
° ' "

LONGITUDE
° ' "

The following positions are considered OBSOLETE. To be used only to locate permanent marks in the field.

By O. B. Walsh, 1921; Book C5369; and E. M. Thompson, 1929; Book C9116

Ledford; 400 ft N. of RR. station; 30 ft W. of I-rd. S.; 20 ft E. of RR.; on iron post; standard cap stamped "PRIM TRAV STA NO 18 W 1921 TENN"

Ky. S.) X = 956,892 Y = 90,927 36 31 45.23 89 18 02.60

Phillippi, 2.9 mi N. of, along old Hickman-Tiptonville Road; 30 ft N. and 10 ft E. of triangle at rd. E.; in concrete post; standard tablet stamped "TT STA NO 106 TN 1929" (Not found, 1951)

X = 934,086 Y = 87,643 36 31 04.22 89 22 40.25

Hickman, 9.0 mi W. of, along levee rd.; 30 ft E. of centerline of rd. at I-rd. S. to Cornerstone Church and school; in concrete post; standard tablet stamped "TT STA NO 107 TN 1929" (Reported destroyed, 1951)

X = 947,531 Y = 110,155 36 34 51.73 89 20 06.13

Hickman, 5.9 mi W. of, along levee rd.; 20 ft W. of triangle at rd. forks W. to Cornerstone Church and school; 20 ft N. of rd. fork across levee; in concrete post; standard tablet stamped "TT STA NO 108 TN 1929" (Not found, 1951)

X = 959,693 Y = 109,730 36 34 52.07 89 17 36.94

Hickman, 3.0 mi W. of, along levee rd.; 60 ft S. and 85 ft E. of levee milepost stamped "3/4"; 11 ft S. of centerline of rd.; 25 ft S. and 110 ft E. of rd. fork across levee; in concrete post; standard tablet stamped "TT STA NO 109 TN 1929" (Not found, 1951)

X = 971,516 Y = 100,784 36 33 28.03 89 15 08.03

U.S. Engineer Dept., iron post (Not Stamped) located about 830 ft E. of junction of I-rd. E. to No. 9 Lake with levee rd. (Not found, 1951)

X = 932,678 Y = 98,747 36 32 53.40 89 23 02.72

USED iron post (Not Stamped)

X = 950,814 Y = 113,069 36 35 21.75 89 19 27.27

USED cap on iron post stamped "A 22 1 22" (Not found, 1951)

X = 971,878 Y = 96,004 36 32 40.93 89 15 01.42

STATION	DESCRIPTION	LATITUDE	LONGITUDE
PLANE COORDINATES, FEET		° ' "	° ' "

OBSOLETE MARKS (Cont'd.)

By T. W. Cayce, 1949; Book AH 160

Hickman, about 7.0 mi S. of, along Dyersburg Road; about 1.6 mi SW. of Beech Grove Church; 600 ft W. of rd. into woods; State Line Monument No. 2 (locally known as Puckett Rock) (Tied by Tennessee Geodetic Survey, 1939)

Ky. S)	X = 969,313	Y = 82,106	36 30 22.66	89 15 26.52
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By T. W. Cayce, 1950; Book AH 176

USED standard cap stamped "7/8 A" (No description available)

X = 908,755	Y = 129,774	36 37 50.76	89 29 10.62
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New Madrid, 2.0 mi N. of, thence 3.0 mi E.; on E. side of New Madrid-Sikeston Ridge levee; about 900 ft S. of W. corner section 20, T. 23 N., R. 15 E.; 300 ft N. of tenant house; 30 ft W. of fence along edge of borrow pit; 30 ft E. of centerline on outside of curve in rd. over levee; on iron pipe; in concrete; USED standard cap stamped "B.P. 39"

X = 909,860	Y = 124,916	36 37 03.19	89 27 54.73
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New Madrid, 5.0 mi E. of, thence 4.0 mi N.; in SW. corner sec. 10, T. 23 N., R. 15 E.; on S. edge of rd. through woods; about 600 ft SE. of Birds Point levee; 30 ft SE. of steel bridge; 20 ft E. of E. bank of drainage ditch; on iron pipe; in concrete; USED standard cap stamped "B.P. 40"

X = 920,871	Y = 133,843	36 38 35.66	89 25 44.04
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New Madrid, 4.5 mi N. of, thence 6.5 mi E.; near center sec. 11, T. 23 N., R. 15 E.; about 1.2 mi S. of Barnes Ridge School; 800 ft N. of farmhouse; 200 ft W. of drainage ditch; on side of hill near top; 40 ft S. of old tow rd.; 10 ft E. of fence; on iron pipe; in concrete; USED standard cap stamped "B.P. 41"

X = 928,407	Y = 135,074	36 38 59.60	89 24 12.65
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Barnes Ridge School, 1.0 mi E. of, along graveled rd. to crossroads; about 0.1 mi N. of steel bridge; 43 ft E. of intersection of crossroads; 12 ft NW. of SW. fence corner of field; 24 ft NE. of mailbox; in concrete post; standard tablet stamped "T1 19 TWC 1950"

X = 932,380	Y = 140,245	36 39 43.31	89 23 25.97
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East Prairie, 9.0 mi S. of, thence 1.0 mi E.; at Sugar Tree Ridge School; in NW. intersection of crossroads, in line with rd. S.; 15 ft N. of centerline of E.-W. rd.; 60 ft W. of SW. corner of graveyard; 150 ft SE. of school building; in SE. corner of schoolyard; on iron pipe; in concrete; USED standard cap stamped "B.P. 35"

X = 939,942	Y = 136,235	36 39 06.57	89 21 51.33
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STATION	DESCRIPTION	LATITUDE	LONGITUDE
PLANE COORDINATES, FEET		" ' "	" ' "

OBSOLETE MARKS (Cont'd.)

Levee Milepost 73/74, 500 ft below; 1.0 mi below county ditch; 0.5 mi back of bank; in fence on land of Mr. Hubbard; 228 ft back of levee; 3 ft toward river and 3 ft upstream from fence; 100 ft back of levee toe; 125 ft SW. of farmhouse; at SW. edge of group of cypress trees; on W. bank of shallow bayou leading back from levee; on iron pipe; in concrete; Mississippi River Commission standard cap stamped "BM HUBBARD"

Ky. S.) X = 946,071 Y = 131,089 36 38 18.03 89 20 33.77

Anniston, 14.0 mi S. of, thence 2.5 mi E.; at Three State School; 800 ft W. of concrete farmhouse; 150 ft N. of James Bayou; 40 ft E. of toe of levee; 3 ft S. of fence; in front of school building; on iron pipe; in concrete; USED standard cap stamped "B.P. 34" (NOTE: School building was destroyed by fire - only foundation remains) (Post reported bent, 1951)

X = 962,656 Y = 122,295 36 36 57.32 89 17 06.41

Dorena, 4.5 mi below; 745 ft to landside of levee; 0.4 mi below Levee Milepost 69/70; approximately at P.C. of levee; near Three States Schoolhouse; near point where airline rd. intersects levee; at SW. corner of concrete wall around stucco house; 600 ft E. of James Bayou School; on iron pipe; in concrete; USED standard cap stamped "D 22 1 1"

X = 963,286 Y = 122,266 36 36 57.27 89 16 58.67

THIRD-ORDER ELECTRONIC TRAVERSE

Final adjustment of 1976

LINE 1.

By J. F. Strange, 1963; Book CH 1652

8A. Philly, 2.5 mi NE. of, along State Highway 78, about 0.6 mi NE. along State Highway 78 from Tennessee-Kentucky boundary; 390 ft NE. along Illinois Central RR. from E.-W. county rd. crossing; 37 ft NW. of center of RR. tracks; 92 ft NW. of center of Highway 78; 70 ft NE. of NE. corner of residence; on iron pipe projecting about 12 in.; standard tablet stamped "PRIM TRAV STA NO 17 W 1921 TENN"

X = 942,273 Y = 84,531 36 30 36.57 89 20 58.59

36. Hickman, about 7.0 mi SW., along State Highways 309 and 925; about 1.5 mi SW. of Beech Grove Church; about 600 ft S. of Tenn.-Ky. State line; 350 ft ENE. along bladed public rd. from junction with N-S. graveled rd.; 58 ft N. of center of bladed public rd.; 37 ft E. of center of scar of abandoned rd.; on iron pipe projecting about 12 in.; standard tablet stamped "PRIM TRAV STA NO 14 W 1921 483"

X = 970,286 Y = 81,533 36 30 17.36 89 15 14.34

10 MO.-27 KY.-221 TENN.
BAYOUVILLE QUADRANGLE

36-089-13
6

STATION DESCRIPTION
 PLANE COORDINATES, FEET

LATITUDE
° ' "

LONGITUDE
° ' "

LINE 2.

By F. E. Lortz, 1967; Book CH 2244

5. NGS standard triangulation station disk stamped "HIGGERSON 1955"

Ky. S.) X = 929,405.04 Y = 113,950.90

36 35 22.380

89 23 49.987

10.=8A. "PRIM TRAV STA NO 17 W 1921 TENN"

X = 942,273

Y = 84,531

36 30 36.57

89 20 58.59

SUPPLEMENTAL

By J. F. Strange, 1963; Book CH 1652

8A. "PRIM TRAV STA NO 17 W 1921 TENN"

Ky. S.)	X = 942,273	Y = 84,531	36 30 36.57	89 20 58.59
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8B. NE.-SW. Highway at rd. W.

	X = 942,094	Y = 84,177	36 30 33.00	89 21 00.61
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8C. E-W. rd. at drain N.-E.; on Tenn.-Ky. State line,
about 1.0 mi W. of State Highway 78 and 94

	X = 936,302	Y = 81,476	36 30 04.13	89 22 10.23
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34A. N. fork of rds. NE. at triangle intersection

	X = 969,973	Y = 81,331	36 30 15.24	89 15 18.08
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34B. S. fork of rds. NE. at triangle intersection

	X = 969,985	Y = 81,255	36 30 14.50	89 15 17.90
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36. "PRIM TRAV STA NO 14 W 1921 483"

	X = 970,286	Y = 81,533	36 30 17.36	89 15 14.34
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By F. E. Lortz, 1967; Book CH 2244

5. NGS standard triangulation station disk stamped "HIGGERSON 1955"

	X = 929,405.04	Y = 113,950.90	36 35 22.380	89 23 49.987
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5A. SE. corner of house, T. 23 N., R. 15 E.; SE ¼ of sec. 35

	X = 929,259	Y = 113,892	36 35 21.74	89 23 51.75
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7a. Center of cattle guard in dike rd.; SSE. of downstream end of
Island #8

	X = 935,483	Y = 107,436	36 34 20.32	89 22 32.46
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10.=8A. "PRIM TRAV STA NO 17 1921 TENN"

	X = 942,273	Y = 84,531	36 30 36.57	89 20 58.59
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18. Dike rd. at intersection dike NE., SE. of upstream end of
Island #8, SE. of sweeping bend in rd. and river

	X = 954,870	Y = 114,797	36 35 40.34	89 18 38.37
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